#### PROJECT 10073 RECORD CARD

. DATE (	2. LOCATION (	12. CONCLUSIONS
20 August 52	Kirtland APD, H. Mexico	D Mas Balloon E Probably Balloon
DATE-TIME CROUP	4. TYPE OF OBSERVATION	- C Possibly Baltaon
t.ocal	Caround-Visual Ci Ground-Radar	D Was Arrereft D Probably Arreraft
CMT. 0300	O Air-Visual O Air-Intercept Ruder	C Possibly Aircraft
5. PHOTOS	6. SOURCE	C Was Astronomical
DYes	Od and 7 d man	G Procepty Astronomical
II No	Civilian	T Pessibly Astronomical
7. LENGTH OF OBSERVATION	. 8. NUMBER OF OBJECTS ' 9. COURSE	D Sther
3 minutes	,	El Insufficient Data for Evaluation
3 111111000	E to W	C Unknown

1. Balloon was released by Kirtland AFB.

ATIC FORM 329 (REV 26 SEP 52)

M. attan 20 Aug 52 09 38: 1932 1113 19 00 27 RA105 ' WPC100W YDB071N UY2065 WMA111 JWFKD074 PP JEPAG JEDNP JEDEN JWPML 444 DE JUFKD 6 29 23 50 Z ZNJ FM CG 34TH ADD KIRTLAND AFB NMEX .. TO JEPAGIDIR OF INTEL HQ USAF WASHDC I-FOJ DWP/AIR TECH-INTELL CTR WRAFB CHIO-ATTN-ATIAA-2C -JEDEN/CG ENT AFB COLO SPRINGS COLO JUPNILICG WADF HAMILTON AFB CALIF FLYOBRPT 1429 /1/ TRIANGULAR SHAPE CMA SIZE UNKNOWN CMA SILVER COLOR CMA ONE OBJECT CMA AERODYNAMIC FEATURES TRAIL PROPULSION NONE CMA SOUND MONE CMA DISAPPREARED VERY FAST BEHIND TOPS OF TREES WHICH OBSCURED FURTHE SIGHTING OF THE OBJECT PD /2/ 20/0300Z AUG 52 FOR APPROXIMATELY THREE MINUTES PD /3/ VISUAL /4/ ALBUQUERQUE 35-93N 196-37W SIGHTED SOUTH TRAVELING WEST TO EAST BIST DISTANCE AND ALTITUDE UNKNOWN 15/ OBSERVERS OCCUPATION CARPENTER CMA NO EXPERIENCE IN IDENTIFICATION UP BILITARY OR OTHER ACET /o/ 10, 200 SCTD 14,000 BKN VSBY 60 SRF WINDS NW 4 TEMP 83 DP 50 WINDS ALT ALOFT 10,000- 220/10 20,000- 210/11 30,000-220/15 17/ WEATHER BALLON RELEASED AT KIRTLAND AFB 22/33/22 AUG 52 13/ NONE 131 NONE /15/ LONE PD END

15/1545Z AUG JWFKD

Cy/

## PROJECT 10073 WORKSHEET

#### I. GENERAL

1. DATE		2. LOCATION			3. TIME	
	1				Local:	
11112	1 5 2-	A Carlotte of		1.00	Zebra:	301
4- WAS OBJECT	OBSERVED	FROM THE GROUND?	[] Yes			CI No
			( Nake			
			W	oculars		
			Tole	27 A A A A A A A A A A A A A A A A A A A	1 1	-
are the second s			the state of the s	odolite		
. WAS OBJECT	OBSERVED	BY GROUND RADAR?	LJ Yes			(71, yo
				One Set		
			Manual Comment	Two Sets		
			THE RESERVE OF THE PARTY OF THE	Three Sets		Verman training
. WAS OBJECT	OBSERVED	FROM THE AIR?	☐ Yes			C No
				Observed Ob	•	
				erception At		
				Intercept At	tempted	
. WERE AIRCRA	IFT SCRAM	BLED TO INTERCEPT?	TYes .			[] No
				Scrambled		
			-	ual Contact		
				Contact Mad		
				Contact Made	1	
5. DID OBJECT	CHANGE D	TRECTION AT ANY TIME?	☐ Yes			ZNo
			[] Nor			
			[] Vio	lent		
9. IF OBJECT V	VAS A "LI	GHT", WAS IT:	C Blinki	_	2.3 -	
			[] Steady			
10. LENGTH OF	TIME IN	SIGHT:	L 1-15 S			
*			El 1-5 111			
			married back them were the	O Minutes		
11. REPORTING	AGENCY (	Unit Number and Mailing A	Address)			
C. 6	Kin	trank AFB. N.	Mar.			
		II. ASTRONOM				
TO WHAT ASTR	ONOMICAL	ACTIVITY WAS NOTED?				
LC. MINT NOTIC	ONOMEONE	AULITER HAD HOLDE.	*			
	- TENESTE	MATTER CONTRACTOR				
the state of the s		TO ARCH DOWNWARD?	[] Yes			Lillo
14. DID OBJEC			[ ] Yes			[] No
		TO DISINTEGRATE?	[ ] Yes			LINO
16. TIME OF S	IGHTING I	RELATIVE TO SUNRISE OR SU		m Air Alman	ac)	
			C Night			
			Day			
			[ Sunris			,
			[] Sunset			
		III. AIRCR	AFT DATA			,
17. WERE AIRC	RAFT NOT	ED IN AREA?	☐ Yes			DNo
			[ ]One	Aircraft		
			Cliber	e Than One	Aircraft	
18. WAS ANY S			! Yes			Cilio
		TICKS OF HIGH BACKGROUND	NOISE" Yes	**		CINO
and the second s		WED ABOVE 450 ELEVATION?				LANO

## IV. BALLOON DATA

J	OSSIBLE BALLOON LAG	JNCH SITES DO	WNWIND OF SIC	HTING:			
r	Loca	tion	Туре	Launching Agency	Lighted?	Lighting Lighting	
a.		7. 5.	1	USDALV		P. D.	
b.	Maria de la companya della companya	A Priva	9,000a(1	Co Dillion			
c.				-			
d.							
			(attach over	lay)	1	L	
			V. EVALUATI	ON			
21. E	VALUATION OF SOURC	E:		DETAILS OF REPORT	:		
23. F	Good Fair Poor Unreliable Extremely Dou Hoax	btful		Good Fair Poor Insufficient	to Evaluate		
	Was Balloon Probably Ball Possibly Ball			Was Astronom   Probably Ast   Possibly Ast	momical		
Was Aircraft Probably Aircraft Possibly Aircraft				Other:  Insufficient Data For Evaluation			
				Unknown			
	Dieg sting		total se	both town			

WINDS ALOFT:		3002-		mel +15 3.	
ALTITUDE (feet)	(knote)	DIRECTION (degrees)	(feat)	VELOCITY.	(degrees)
0	43	315	25,000		
1,000			30,000	15	22-0
2,000			35,000		
3,000			40,000		
4,000			45,000		
5,000			50,000		
6,000			55,000		
7,000			60,000		
8,000			65,000		
9,000			70,000		
10,000	10	220	75,000		
12,000			80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000	111	210	100,000		
(If ves. at	SION LAYER NOT what altitude?		Yes		L.J No
6. WERE ANY THU	NDERSTORMS NOT	ED IN AREA?	Yes		□ No
7. CLOUD COVER:	at 10,000 fee	tent	-	eet. Und	BILITY WAS

## PROJECT 1.0073 WORKSHEET

## I. GENERAL

1. DATE	2. LOCATION		3. TIME
, , , , , , , , , , , , , , , , , , , ,	1.	~ ~	Local: 0200
20 Aug 52	Albuqueses	m. nev	Zebra: 03002
4. WAS OBJECT OBSERVED	FROM THE GROUND?	IL-Yes	C) No
		Naked Eye	
		□ Hinoculars □ Toloscope	
		[] Theodolite	
5. WAS OBJECT OBSERVED	BY GROUND RADAR?	[] You	6.240
,		LiBy One Set	163.00
		By Two Sets	
		[]By Three Sets	
o. WAS OBJECT OBSERVED	FROM THE AIR?	☐ Yes	(1) to
		A/C Observed O	
		[]Interception A	
THE TOTAL PROPERTY OF THE	OFER MA THOUSAROUS	No Intercept A	the state of the s
7. WERE AIRCRAFT SCRAM	BLED TO INTERCEPT?	Yes	LLNo
		A/C Scrambled UVisual Contact	Mada
		A/I Contact Ma	
		No Contact Mad	
8. DID OBJECT CHANGE D	TRECTION AT ANY TIME?	☐ Yos	CLNO
		[] Normal	
		[]Violent	
9. IF OBJECT WAS A "LI	GHT", WAS IT:	[] Blinking	
	Not deglit	[] Stoady	
10. LENGTH OF TIME IN	SIGHT:	L 1-15 Seconds	
		III-1-5 Minutes	
II DEDODOTING AGENCY (	Unit Number and Mailing Addr	[] Over 10 Minutes	
1 C. HELORITHO MODIO (	our and marring want	6337	
10 21174	1 4 . + 1 - 1 -		
C 5- 3411-1	4DD Krithand AF	3, n.m.	
	II. ASTRONOMICAL	DATA	
12. WHAT ASTRONOMICAL	ACTIVITY WAS NOTED?		
	#/D		
13. DID OBJECT APPEAR		[ ] Yes	LINO
14. DID OBJECT HAVE A		[] Yea	[CH10
15. DID OBJECT APPEAR	TO DISINTEGRATE?	l' l Yes	IL-No
16. TIME OF SIGHTING F	RELATIVE TO SUNRISE OR SUNSET		iac)
		Might	
		Day	
		[ Sunset	
		1 Sumset	
	III. AIRCRAFT	DATA	
17. WERE AIRCRAFT NOTE			10-7 ti-
	ED IN AREA?	⊡ Xea	C-+10
	ED IN AREA?	Yes [_ One Aircraft	B-t-10
		The state of the s	
13. WAS ANY SOUND HEAD	RD?	[ ] One Aircraft [ ] More Than One	Aircraft
19. VERE THERE INDICAT		[ ] One Aircraft [ ] More Than One	Aircraft

## IV. BALLOON DATA

Location Type Launching Agency Yes No Light  a. Allonguages, Non Carter (150 of Alasti Ass.)  b. C. (attach overlay)  V. EVALUATION  P. Excellent (200 of Fair (150 of Fair (1	Location Type Isunching Agency Yes No Highting  Lighting  Location Type Isunching Agency Yes No Highting  Lighting  Li
Location Type Launching Agency Yes No Identity  a. Allocation Type Launching Agency Yes No Identity  b. Con Allocation Ves No Identity  V. EVALUATION  P. EVALUATION OF SOURCE:  Excellent Good Fair  Poor Poor  Unreliable Extremely Doubtful  Hoax  That EVALUATION:  Was Astronomical Probably Astronomical  Probably Balloon Possibly Astronomical  Possibly Balloon Possibly Astronomical  Was Aircraft Other:  The Source of the Control of the Con	Location Type Launching Agency Yes No Lighting  Location Type Launching Agency Yes No Lighting
Location Type Launching Agency Yes No Light  a. Allunguages 70 mm Market USOR Mearle 120.  b. (attach overlay)  V. EVALUATION  Pl. EVALUATION OF SOURCE: 22. DETAILS OF REPORT:  Excellent Good Fair Poor Poor Insufficient to Evaluate  Insufficient to Evaluate  Was Balloon Probably Balloon Possibly Astronomical Possibly Astronomical Possibly Astronomical Possibly Astronomical Nas Aircraft Other:  Was Aircraft Insufficient Data For Evaluate	Location   Type   Launching Agency   Yes   No   Lighting   Company   Compa
a. Allmanage. 7000   Manual	(attach overlay)  V. EVALUATION  F SOURCE:  Lent  Cood Fatr Poor Insufficient to Evaluate  aely Doubtful  Was Astronomical Dry Balloon  Probably Astronomical Prosibly Astronomical Possibly Astronomical
b. (attach overlay)  V. EVALUATION  Probably Balloon  Probably Astronomical  Probably Balloon  Probably Astronomical  Insufficient Data For Evaluati	(attach overlay)  V. EVALUATION  Property Source:  Lent Good Fair Poor Insufficient to Evaluate lable aely Doubtful  ATION:  Alloon Was Astronomical Probably Astronomical Probably Astronomical Possibly Astronomical Possibly Astronomical Possibly Astronomical Possibly Astronomical Possibly Astronomical
d.  (attach overlay)  V. EVALUATION  21. EVALUATION OF SOURCE:  Excellent  Good  Fair  Poor  Poor  Unreliable  Extremely Doubtful  Hoax  23. FINAL EVALUATION:  Was Balloon  Probably Balloon  Possibly Balloon  Possibly Astronomical  Possibly Astronomical  Mas Aircraft  Probably Aircraft  Probably Aircraft  Insufficient Data For Evaluation	(attach overlay)  V. EVALUATION  PF SOURCE:  Lent  Good Fair Peor Insufficient to Evaluate  ATION:  Alloon Dly Balloon Dly Balloon Dly Balloon Dly Balloon Dly Balloon Drossibly Astronomical Possibly Astronomical Possibly Astronomical
d.  (attach overlay)  V. EVALUATION  21. EVALUATION OF SOURCE:  (becallent (cood) (coo	V. EVALUATION  22. DETAILS OF REPORT:  Good Fair Poor Insufficient to Evaluate  alloon Oly Balloon
V. EVALUATION  21. EVALUATION OF SOURCE:    Excellent	V. EVALUATION  22. DETAILS OF REPORT:  Good Fair Poor Insufficient to Evaluate  alloon Oly Balloon
V. EVALUATION  21. EVALUATION OF SOURCE:    Excellent	V. EVALUATION  22. DETAILS OF REPORT:  Sent  Good Fair Poor Insufficient to Evaluate  alloon Oly Balloon
22. DETAILS OF REPORT:    Excellent	Sent Good Fair Poor Insufficient to Evaluate alloon Was Astronomical Probably Astronomical Probably Astronomical Possibly Astronomical Possibly Astronomical
Excellent   Good   Fair   Poor   Insufficient to Evaluate	Sent Good Fair Poor Insufficient to Evaluate  able aely Doubtful  Was Astronomical Dly Balloon
Excellent   Good   Fair   Poor   Insufficient to Evaluate   Unreliable   Extremely Doubtful   Hoax   Extremely Balloon   Probably Balloon   Probably Astronomical   Possibly Balloon   Possibly Astronomical   Possibly Astronomical   Possibly Astronomical   Insufficient Bata For Evaluating   Insu	delta   Good   Fair   Poor   Insufficient to Evaluate
Good Fair Poor Unreliable Extremely Doubtful Hoax  23. FINAL EVALUATION:  Was Balloon Probably Balloon Possibly Balloon Possibly Balloon Was Aircraft Probably Aircraft Probably Aircraft Thought Data For Evaluation	Fair   Poor   Insufficient to Evaluate
☐ Fair ☐ Poor ☐ Unreliable ☐ Extremely Doubtful ☐ Hoax  23. FINAL EVALUATION: ☐ Was Balloon ☐ Probably Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Possibly Astronomical ☐ Possibly Astronomical ☐ Possibly Astronomical ☐ Dessibly Astronomical ☐ Insufficient Data For Evaluati	Poor   Insufficient to Evaluate
Poor	Insufficient to Evaluate  able ably Doubtful  ATION:  alloon
Extremely Doubtful   Hoax     Hoax	ATION:  alloon
☐ Hoax  23. FINAL EVALUATION:  ☐ Was Balloon ☐ Probably Balloon ☐ Probably Astronomical ☐ Possibly Balloon ☐ Possibly Astronomical ☐ Was Aircraft ☐ Probably Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Insufficient Data For Evaluation	ATION:  alloon  bly Balloon  Cly Balloon  Cl
23. FINAL EVALUATION:    Was Astronomical   Probably Astronomical   Probably Balloon   Possibly Astronomical   Possibly Astronomical   Possibly Astronomical   Other:   Probably Aircraft   Insufficient Data For Evaluation	alloon  Oly Balloon  Oly Balloon  Probably Astronomical  Possibly Astronomical
□ Was Balloon □ Probably Balloon □ Probably Astronomical □ Possibly Balloon □ Possibly Astronomical □ Possibly Astronomical □ Possibly Aircraft □ Probably Aircraft □ Possibly Aircraft □ Insufficient Data For Evaluation	alloon  Oly Balloon  Oly Balloon  Probably Astronomical  Possibly Astronomical
☐ Probably Balloon ☐ Probably Astronomical ☐ Possibly Balloon ☐ Possibly Astronomical ☐ Other: ☐ Probably Aircraft ☐ Insufficient Data For Evaluation	oly Balloon Probably Astronomical Possibly Astronomical
□ Possibly Balloon □ Possibly Astronomical □ Was Aircraft □ Probably Aircraft □ Possibly Aircraft □ Insufficient Data For Evaluation	Dly Balloon Possibly Astronomical
☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Insufficient Data For Evaluation	
Probably Aircraft  Possibly Aircraft  Insufficient Data For Evaluation	rcraft
Possibly Aircraft Insufficient Data For Evaluation	
of congrues.	
24. COLMENTS:	
Ballron relevent at 03002	

	the state of the s	0300 -	Mary	vergue.	21.22.
ALTITUDE  (feet)	VELOCITY (knots)	DIRECTION (degrees)	ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)
0	60	2200	25,000		
1,000			30,000	15	22-0
2,000			35,000		
3,000			40,000		
4,000			45,000		
5,000			50,000		
6,000			55,000		
7,000			60,000		
8,000			65,000		
9,000			70,000		
10,000	10	2200	75,000		
12,000			80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000	11	2100	100,000		
	RSION LAYER NOT	ED?	Yes		LINo
6. WERE ANY TH	UNDERSTORMS NOT	ED IN AREA?	Yes		□ No
7. CLOUD COVER	CALL AND ADDRESS OF THE PARTY O	t. tent			BILITY WAS
9. COMMENTS:					

ACTION

RAM ST

WPF338

20 Aug 52 09 41:

· YDAD83

XB071

uh124

JMFKDL 78.

PP JEPAG JEDWP JEDEN JUPML 444

JE JUFKD 6

2023592 ZNJ

F. CG 34TH ADD KIRTLAND AFB NMEX

TO JEPAG/DIR OF INTEL HE USAF WASH D C

INFO JEDUP/AIR TECH INTELL CTR WPAFE ONIC ATTN ATIAA-20

JEDENICG ENT AFB COLO SPRGS COLO

JMPHL/CG WADF HAMILTON AFE CALIF

# FLYOBRPT 1429

/1/ TRIANGULAR SHAPE CMA SIZE UNKNOWN CMA SILVER COLOR CMA ONE OBJECT CMA AERODYNAMIC FEATURES TRAIL PROPULTION NONE CMA SOUND NONE CMA DISAPPEARED VERY FAST REHIND TOPS OF TREES WHICH OBSCURED FURTHER SIGHTING OF THE OBJECT PD

- (2) 23/2302 Z AUG 52 FOR APPROXIMATELY THREE MINUTES PD
- 13) VISUAL
- (4) ALBUQUERQUE 35-03N 106-37W SIGHTED SOUTH TRAVELING WEST TO EAST LISTANCE AND ALTITUDE UNKNOWN
- (5) CBSERVERS OCCUPATION CARPENTER CMA NO EXPERIENCE IN IDENTIFICATION C- LILITARY-OR OTHER ACET
- (5) 10,000 SCTG 14,000 BKN VSBY 60 SRF WINDS NW 4 TEMP 83 DP 50 WINDS ALOFT 10,020- 223/18 20,300- 213/11 30,332-229/:5
- (7) WEATHER BALLON RELEASED AT KIRTLAND AFB 20/03802 AUG 52
- (E) NOME
- (9) NOME
- (10) NONE PD END

AAJJHVZ AUG JWNKD

2. atta 3.00

03002 12400 2700

UYD157 20 Auc 52 09 38 : WDA122 JUFKDS79 DE JUFKD 27 INTO JEDUP/AIR TECH INTELL CTR EPAFE OHIO ATTP ATIAA2C TENICG ENT AFP COLO SPRGS COLO TENICG WADE HANTILTON AFE CALIF FLYOPRPT 1430 /1/ TRIANGULAR SHAPE CHA SIZE UN KNOWN CMA SYLVER COLOR CHA ONE OBJECT CMA MERODYNAMIC FEATURES TEN OR THELVE LIGHTS BELIEVED TO BE EXHAUST CHA SOUND NOME CMA NADE AN ORBIT TO THE LEFT AND DISAPPEARED INTO THE CLOUDS PD /2/ 20/0606Z AUG 52 FOR APPROMIMATELY FIFTEEN SECONDS PD /3/ VISUAL /4/ ALBUQUERQUE 35-03M 196-37W SIGNTED OVERHEAD TRAVELING WEST TO EAST CMA DISTANCE AND ALTITUDE UNKNOWN PD 15/ OBSERVER OCCUPATION PILOT USAF ON FLYING STATUS PD /6/ 10,200 SCTD CHA 14,000 EKN CHA VSBY SINTY CHA SRF WIND NW FOUR CMA TEMP 83 CMA DP 48 CMA WINDS ALOFT 10,000 - 220/10 CMA 20,000 - 210/11 CMA 30,000 -220/15 PD /7/ NONE

ADA NONE

18/ NONE

/12/ NONE PD END

20/1731Z AUG JUFKD

Cer/